

**REMARKS**

Claims 1-37 are presently pending in this application. By this amendment, no claims have been amended, cancelled or added.

Applicant appreciates the courtesies extended to Applicant's representative during the numerous telephone conferences conducted leading up to and reflecting this written response. Pursuant to the last telephonic conversation between Applicant's representative and the Examiner, the Examiner asked for further clarification concerning the specification and thereby gain sufficient understanding and basis for advancing the prosecution of the above-identified application.

Pursuant to the Examiner's request, we address each of the outstanding claim rejections, as set forth below, and accordingly assert that barring any additional considerations, the current claims are in condition for allowance.

Applicant has reviewed the prosecution file in great detail, to include the prior Examiner's record, including the interview conducted on February 21, 2007. During that interview, the prior Examiner indicated that with the addition of the limitation "wherein the master unit is arranged as a supply operating power to the satellite units" the claims would be allowed subject to an updated search.

**I. Claim Rejections Under 35 U.S.C. § 112**

The Examiner has rejected claims 1-37 under 35 U.S.C. § 112, first paragraph, as failing to comply with the written description requirement and allegedly asserting that the claims contain subject matter which was not described in the specification in a way to reasonably convey to one skilled in the art that the inventor, at the time the application was filed, had possession of the claimed invention. This rejection is respectfully traversed.

With regards to each of the individual claim limitations, found within the rejected claims, the Applicant will address each claim limitation, or group of claims containing therein the limitations in turn below.

Claim 1 and dependent claims 2-19, recite "wherein said master unit is arranged to supply operating power to the satellite units", and is allegedly not supported by the specification as originally filed.

With regard to this recitation found within claim 1, Applicant respectfully asserts that support for this limitation may be found within the specification as originally filed, at for example, page 7, lines 29-33. Accordingly, the Applicant respectfully requests the withdrawal of the rejection of the claims 1 and 2-19 under § 112, first paragraph.

With regards to claim 20 and 21-28, which recite "first and second master signals are supplied from the master unit to the receiving unit via first and second connectors and wherein the receiving unit, via at least one of said first and second connectors, supply operating power to at least the master unit." The Examiner alleges that this limitation is not adequately supported in the written disclosure of the specification as originally filed.

However, Applicant respectfully suggests that clear enablement for claims 20 and 21-28 may be found, for example, at page 7, lines 22-28. Accordingly, Applicant respectfully requests the withdrawal of the rejection of claims 20 and 21-28 under § 112, first paragraph.

With regards to claim 26 and the recitation of the limitation "wherein said master signal output connector comprises first and second connectors, wherein said first connector is arranged to provide a first signal channel to the receiving unit and to receive operating power for at least the master unit, and wherein said second connector is arranged to provide a second signal channel to the receiving unit and to receive operating power for the satellite units", again the Examiner allegedly indicates that there is insufficient enabling disclosure for the subject matter found in this limitation of claim 26.

However, again Applicant respectfully asserts that clear and sufficient support may be found throughout the specification as originally filed, and for example, at Figure 4, and at page 11, lines 6-20.

With regards to claim 29 and claims 30-36, which recite "providing said master signal to said receiving unit, wherein each separately housed satellite unit is positionable away from the receiving unit and is arranged to receive operating power from the master unit", again, the Examiner has allegedly not found sufficient enabling support within the specification.

However, again Applicant respectfully asserts that clear and sufficient enabling support may be found within the specification as originally filed, at for example, Figure 2, and page 11,

line 21 through page 12, line 21. Accordingly, Applicant respectfully requests the withdrawal of the rejection of claims 29 and 30-36 under § 112, first paragraph.

With regards to claim 37 and the limitation which recites "wherein said master unit is arranged to supply operating power to the microphones", again the Examiner asserts that allegedly there is insufficient enabling disclosure found within the specification to support such a claim limitation. However, again Applicant respectfully asserts that the specification as originally filed is full of sufficient and clear enabling disclosure for such limitation, for example, found at page 14, lines 1-8. Accordingly, Applicant respectfully requests the withdrawal of the rejection of claim 37 under § 112, first paragraph.

Therefore, Applicant believes that having highlighted the portions listed above, for example, clear and sufficient enabling disclosure should provide the Examiner with enough basis by which to withdraw all of the outstanding rejections over the pending claims under U.S.C. § 112, first paragraph.

## II. General Clarity for Portions of the Invention Concept

The Examiner has indicated that the specification contains certain unclear portions concerning aspects of the inventive concept. Specifically, the Examiner has indicated that the specification, on page 7 and within lines 22-28 describes a system which appears to be incompatible with the claimed invention. In addition, the Examiner also cites on page 10, between lines 8 and 14 further aspects of the system which allegedly are incompatible with the claimed aspects of Applicant's invention.

In response to the cited portions on page 7 and 10, Applicant's representative merely offers that the system at the heart of Applicant's claimed invention operates through a multi-channel interconnection incorporating a master unit, a mixing console, and a number of separate satellite units that are further described, or include, separate microphones. As the invention is understood, the general architecture appears to be one where all of the above-identified devices are interconnected through various electrical connectors. These various electrical connectors obviously operate by transferring signal and/or power between the individual devices. Furthermore, as is understood and again as in a very general understanding of the inventive concept, it appears that the mixing console may generate a power transformation offered by the

so-called bias voltage or phantom power to a microphone or a microphone preamplifier. In addition, as the invention is generally understood, the satellite units may in turn comprise a circuit that is arranged to receive a composite signal input and further that the composite signal input may be partially derived from an amplifier circuit that may be contained at the mixing console and thereby may be found to generate a power bias.

In accordance with a general circuit and specifically when a microphone consumption level for an operating power is low, additional (unused) power may be sent back to the master unit through the mixing console, which power had originated either with the microphones or the combination of the microphones acting through the mixing console.

We believe that this internal biasing created by any of a plurality of individual analog or digital circuitry acts to either consume or generate power to the overall circuit and the overall demands of any devices connected thereto.

Accordingly, Applicant respectfully asserts that any confusion concerning the production of power as well as the consumption of power by the master unit as indicated by the Examiner's questions, should be reasonably understood given the general inventive concepts of the compound circuit, as generally discussed above.

III. Conclusion.

All matters having been addressed in view of the foregoing, Applicant respectfully requests the entry of this Amendment, the Examiner's reconsideration of this application, and the immediate allowance of all pending claims.

Applicant's undersigned representative remains ready to assist the Examiner in any way to facilitate and expedite the prosecution of this matter. If any point remains an issue in which the Examiner feels would be best resolved through a personal or telephone interview, please contact the undersigned at the telephone number listed below.

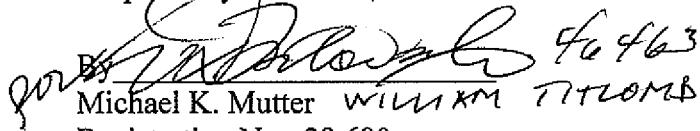
Application No. 10/092,558  
Amendment dated December 5, 2007  
Reply to Office Action of July 6, 2007

Docket No.: 0104-0386P

Please charge any fees associated with the submission of this paper to Deposit Account No. 02-2448. The Commissioner for Patents is also authorized to credit any overpayments to the above-referenced deposit account.

Dated: December 5, 2007

Respectfully submitted,

  
Michael K. Mutter      William D. Titcomb  
Registration No.: 29,680  
William D. Titcomb  
Registration No.: 46,463  
BIRCH, STEWART, KOLASCH & BIRCH, LLP  
8110 Gatehouse Road  
Suite 100 East  
P.O. Box 747  
Falls Church, Virginia 22040-0747  
(703) 205-8000  
Attorney for Applicant